

=> file hcaplus

FILE 'HCAPLUS' ENTERED AT 10:21:08 ON 24 AUG 2004

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FILE COVERS 1907 - 24 Aug 2004 VOL 141 ISS 9

FILE LAST UPDATED: 23 Aug 2004 (20040823/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que 132

| | | | | | |
|-----|-------|--------------------------|--|---|---|
| L1 | 1 | SEA FILE=REGISTRY ABB=ON | 21282-97-3 |  | <i>Claim 16 compounds acrylates & methacrylates</i> |
| L2 | 1 | SEA FILE=REGISTRY ABB=ON | 21282-96-2 | | |
| L3 | 1 | SEA FILE=REGISTRY ABB=ON | 29818-16-4 | | |
| L4 | 1 | SEA FILE=REGISTRY ABB=ON | 149991-89-9 | | |
| L5 | 1 | SEA FILE=REGISTRY ABB=ON | 13025-07-5 | | |
| L6 | 1333 | SEA FILE=REGISTRY ABB=ON | C12H18O5/MF | | |
| L7 | 197 | SEA FILE=REGISTRY ABB=ON | L6 NOT 1-50/NR | | |
| L8 | 10 | SEA FILE=REGISTRY ABB=ON | L7 AND BUTYL | | |
| L9 | 54072 | SEA FILE=REGISTRY ABB=ON | 2 (W) METHYL (W) 1 (W) OXO (W) 2 (W) PROPENYL | | |
| L10 | 1 | SEA FILE=REGISTRY ABB=ON | L8 AND L9 | | |
| L14 | 1 | SEA FILE=REGISTRY ABB=ON | 45160-64-3 | | |
| L15 | 7 | SEA FILE=REGISTRY ABB=ON | (L1 OR L2 OR L3 OR L4 OR L5) OR L10 OR L14 | | |
| L16 | 155 | SEA FILE=HCAPLUS ABB=ON | L15 | | |
| L17 | 70 | SEA FILE=HCAPLUS ABB=ON | L16 AND COAT?/SC, SX, AB, BI | | |
| L18 | 27 | SEA FILE=HCAPLUS ABB=ON | L17 AND (H2O OR WATER? OR AQ OR AQUEOUS?) | | |
| L19 | 1 | SEA FILE=REGISTRY ABB=ON | GLYCOL/CN | | |
| L20 | 41210 | SEA FILE=HCAPLUS ABB=ON | L19 | | |
| L21 | 16 | SEA FILE=HCAPLUS ABB=ON | L17 AND (L20 OR GLYCOL/BI) | | |
| L22 | 78576 | SEA FILE=HCAPLUS ABB=ON | (COAT? OR GLAZ?) (4A) (CERAMIC? OR GLASS? OR TILE?) | | |
| L23 | 1 | SEA FILE=HCAPLUS ABB=ON | (L18 OR L21) AND L22 | | |
| L24 | 2 | SEA FILE=HCAPLUS ABB=ON | L17 AND L22 | | |
| L25 | 67 | SEA FILE=HCAPLUS ABB=ON | (ACETOACETOX? OR ACETO(W)ACETOX?) (4A) (| | |
| | | | COAT? OR GLAZ?) | | |
| L26 | 1 | SEA FILE=HCAPLUS ABB=ON | (ACETOACETOX? OR ACETO(W)ACETOX?) (4A) (| | |
| | | | COAT? OR GLAZ?) (4A) (GLASS? OR CERAMIC? OR TILE?) | | |
| L27 | 0 | SEA FILE=HCAPLUS ABB=ON | L25 AND CRAFT? | | |
| L28 | 0 | SEA FILE=HCAPLUS ABB=ON | (L18 OR L21) AND CRAFT? | | |
| L29 | 3 | SEA FILE=HCAPLUS ABB=ON | L23 OR L24 OR L26 OR L27 OR L28 | | |
| L30 | 0 | SEA FILE=HCAPLUS ABB=ON | L16 AND GLAZ? | | |
| L31 | 0 | SEA FILE=HCAPLUS ABB=ON | (L17 OR L30) AND (KITCHEN? OR CHINA OR POTTERY OR DECORAT?) | | |

L32 3 SEA FILE=HCAPLUS ABB=ON (L29 OR L30 OR L31)

=> file rapra

FILE 'RAPRA' ENTERED AT 10:21:27 ON 24 AUG 2004
COPYRIGHT (C) 2004 RAPRA Technology Ltd.

FILE LAST UPDATED: 23 AUG 2004 <20040823/UP>
FILE COVERS 1972 TO DATE

>>> Simultaneous left and right truncation is available in the
basic index (/BI), and in the controlled term (/CT),
geographical term (/GT), and non-polymer term (/NPT) fields. <<<

>>> The RAPRA Classification Code is available as a PDF file

>>> and may be downloaded free-of-charge from:

>>> http://www.stn-international.de/stndatabases/details/rapra_classcodes.pdf

=> d que 144

| | | | |
|-----|-------|--------------------------|---|
| L1 | 1 | SEA FILE=REGISTRY ABB=ON | 21282-97-3 |
| L2 | 1 | SEA FILE=REGISTRY ABB=ON | 21282-96-2 |
| L3 | 1 | SEA FILE=REGISTRY ABB=ON | 29818-16-4 |
| L4 | 1 | SEA FILE=REGISTRY ABB=ON | 149991-89-9 |
| L5 | 1 | SEA FILE=REGISTRY ABB=ON | 13025-07-5 |
| L6 | 1333 | SEA FILE=REGISTRY ABB=ON | C12H18O5/MF |
| L7 | 197 | SEA FILE=REGISTRY ABB=ON | L6 NOT 1-50/NR |
| L8 | 10 | SEA FILE=REGISTRY ABB=ON | L7 AND BUTYL |
| L9 | 54072 | SEA FILE=REGISTRY ABB=ON | 2 (W) METHYL (W) 1 (W) OXO (W) 2 (W) PROPENYL |
| L10 | 1 | SEA FILE=REGISTRY ABB=ON | L8 AND L9 |
| L14 | 1 | SEA FILE=REGISTRY ABB=ON | 45160-64-3 |
| L15 | 7 | SEA FILE=REGISTRY ABB=ON | (L1 OR L2 OR L3 OR L4 OR L5) OR L10 OR L14 |
| L16 | 155 | SEA FILE=HCAPLUS ABB=ON | L15 |
| L17 | 70 | SEA FILE=HCAPLUS ABB=ON | L16 AND COAT?/SC, SX, AB, BI |
| L18 | 27 | SEA FILE=HCAPLUS ABB=ON | L17 AND (H2O OR WATER? OR AQ OR AQUEOUS?) |
| L19 | 1 | SEA FILE=REGISTRY ABB=ON | GLYCOL/CN |
| L20 | 41210 | SEA FILE=HCAPLUS ABB=ON | L19 |
| L21 | 16 | SEA FILE=HCAPLUS ABB=ON | L17 AND (L20 OR GLYCOL/BI) |
| L22 | 78576 | SEA FILE=HCAPLUS ABB=ON | (COAT? OR GLAZ?) (4A) (CERAMIC? OR GLASS? OR TILE?) |
| L23 | 1 | SEA FILE=HCAPLUS ABB=ON | (L18 OR L21) AND L22 |
| L24 | 2 | SEA FILE=HCAPLUS ABB=ON | L17 AND L22 |
| L25 | 67 | SEA FILE=HCAPLUS ABB=ON | (ACETOACETOX? OR ACETO(W)ACETOX?) (4A) (COAT? OR GLAZ?) |
| L26 | 1 | SEA FILE=HCAPLUS ABB=ON | (ACETOACETOX? OR ACETO(W)ACETOX?) (4A) (COAT? OR GLAZ?) (4A) (GLASS? OR CERAMIC? OR TILE?) |
| L27 | 0 | SEA FILE=HCAPLUS ABB=ON | L25 AND CRAFT? |
| L28 | 0 | SEA FILE=HCAPLUS ABB=ON | (L18 OR L21) AND CRAFT? |
| L29 | 3 | SEA FILE=HCAPLUS ABB=ON | L23 OR L24 OR L26 OR L27 OR L28 |
| L30 | 0 | SEA FILE=HCAPLUS ABB=ON | L16 AND GLAZ? |
| L31 | 0 | SEA FILE=HCAPLUS ABB=ON | (L17 OR L30) AND (KITCHEN? OR CHINA OR POTTERY OR DECORAT?) |
| L41 | 0 | SEA FILE=RAPRA ABB=ON | (L29 OR L30 OR L31) |
| L42 | 2710 | SEA FILE=RAPRA ABB=ON | (COAT? OR GLAZ?) (4A) (CERAMIC? OR GLASS? OR TILE? OR KITCHEN? OR CHINA OR POTTERY OR DECORAT?) |
| L43 | 1 | SEA FILE=RAPRA ABB=ON | L42 AND (ACETOACETOX? OR ACETO(W)ACETOX?) |
| L44 | 1 | SEA FILE=RAPRA ABB=ON | L41 OR L43 |

=> file cerab

FILE 'CERAB' ENTERED AT 10:21:39 ON 24 AUG 2004

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FILE COVERS 1976 TO 23 MAY 1997 (970523/ED)

THIS FILE IS CURRENTLY NOT BEING UPDATED.

=> d que 145

L1 1 SEA FILE=REGISTRY ABB=ON 21282-97-3
 L2 1 SEA FILE=REGISTRY ABB=ON 21282-96-2
 L3 1 SEA FILE=REGISTRY ABB=ON 29818-16-4
 L4 1 SEA FILE=REGISTRY ABB=ON 149991-89-9
 L5 1 SEA FILE=REGISTRY ABB=ON 13025-07-5
 L6 1333 SEA FILE=REGISTRY ABB=ON C12H18O5/MF
 L7 197 SEA FILE=REGISTRY ABB=ON L6 NOT 1-50/NR
 L8 10 SEA FILE=REGISTRY ABB=ON L7 AND BUTYL
 L9 54072 SEA FILE=REGISTRY ABB=ON 2 (W) METHYL (W) 1 (W) OXO (W) 2 (W) PROPENYL
 L10 1 SEA FILE=REGISTRY ABB=ON L8 AND L9
 L14 1 SEA FILE=REGISTRY ABB=ON 45160-64-3
 L15 7 SEA FILE=REGISTRY ABB=ON (L1 OR L2 OR L3 OR L4 OR L5) OR L10
 OR L14
 L16 155 SEA FILE=HCAPLUS ABB=ON L15
 L17 70 SEA FILE=HCAPLUS ABB=ON L16 AND COAT?/SC, SX, AB, BI
 L18 27 SEA FILE=HCAPLUS ABB=ON L17 AND (H2O OR WATER? OR AQ OR
 AQUEOUS?)
 L19 1 SEA FILE=REGISTRY ABB=ON GLYCOL/CN
 L20 41210 SEA FILE=HCAPLUS ABB=ON L19
 L21 16 SEA FILE=HCAPLUS ABB=ON L17 AND (L20 OR GLYCOL/BI)
 L22 78576 SEA FILE=HCAPLUS ABB=ON (COAT? OR GLAZ?) (4A) (CERAMIC? OR
 GLASS? OR TILE?)
 L23 1 SEA FILE=HCAPLUS ABB=ON (L18 OR L21) AND L22
 L24 2 SEA FILE=HCAPLUS ABB=ON L17 AND L22
 L25 67 SEA FILE=HCAPLUS ABB=ON (ACETOACETOX? OR ACETO(W)ACETOX?) (4A) (
 COAT? OR GLAZ?)
 L26 1 SEA FILE=HCAPLUS ABB=ON (ACETOACETOX? OR ACETO(W)ACETOX?) (4A) (
 COAT? OR GLAZ?) (4A) (GLASS? OR CERAMIC? OR TILE?)
 L27 0 SEA FILE=HCAPLUS ABB=ON L25 AND CRAFT?
 L28 0 SEA FILE=HCAPLUS ABB=ON (L18 OR L21) AND CRAFT?
 L29 3 SEA FILE=HCAPLUS ABB=ON L23 OR L24 OR L26 OR L27 OR L28
 L30 0 SEA FILE=HCAPLUS ABB=ON L16 AND GLAZ?
 L31 0 SEA FILE=HCAPLUS ABB=ON (L17 OR L30) AND (KITCHEN? OR CHINA
 OR POTTERY OR DECORAT?)
 L45 0 SEA FILE=CERAB ABB=ON (L29 OR L30 OR L31)

=> d que 147

L46 2643 SEA FILE=CERAB ABB=ON (COAT? OR GLAZ?) (4A) (CERAMIC? OR GLASS?
 OR TILE? OR KITCHEN? OR CHINA OR POTTERY OR DECORAT?)
 L47 0 SEA FILE=CERAB ABB=ON L46 AND (ACETOACETOX? OR ACETO(W)ACETOX?)

=> file promt

FILE 'PROMT' ENTERED AT 10:22:02 ON 24 AUG 2004

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FILE COVERS 1978 TO 24 AUG 2004 (20040824/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que 150

L48 10459 SEA FILE=PROMT ABB=ON (COAT? OR GLAZ?) (4A) (CERAMIC? OR GLASS?
OR TILE? OR KITCHEN? OR CHINA OR POTTERY OR DECORAT?)
L49 20 SEA FILE=PROMT ABB=ON L48 (4A) ACETO?
L50 1 SEA FILE=PROMT ABB=ON L49 AND COAT?/TI

=> d ti 150

L50 ANSWER 1 OF 1 PROMT COPYRIGHT 2004 Gale Group on STN

TI Residual solvent in drying **coatings**: can it get trapped and how?
(PSAS).

=> d que 151

L48 10459 SEA FILE=PROMT ABB=ON (COAT? OR GLAZ?) (4A) (CERAMIC? OR GLASS?
OR TILE? OR KITCHEN? OR CHINA OR POTTERY OR DECORAT?)
L49 20 SEA FILE=PROMT ABB=ON L48 (4A) ACETO?
L51 0 SEA FILE=PROMT ABB=ON L49 AND GLAZ?/TI

=> dup rem 132 144

FILE 'HCAPLUS' ENTERED AT 10:22:38 ON 24 AUG 2004
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FILE 'RAPRA' ENTERED AT 10:22:38 ON 24 AUG 2004
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PROCESSING COMPLETED FOR L32
PROCESSING COMPLETED FOR L44
L52 3 DUP REM L32 L44 (1 DUPLICATE REMOVED)

=> d all hitstr 1-3

L52 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:389234 HCAPLUS
DN 129:96638
ED Entered STN: 25 Jun 1998
TI Hybrid inorganic/organic pigments having high light resistance, heat
resistance, and dispersibility
IN Hirano, Shinichi; Aoyama, Shigeo
PA Hitachi Maxell, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM C09C003-08
ICS C09D007-12; C09D011-00
CC 42-6 (Coatings, Inks, and Related Products)
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|